



CHAPTER 13: COMMODITIES CONTRACT TERMS AND CONDITIONS

Rule 1301. Scope.

(a) The rules in this Chapter govern the trading of Commodity Contracts. Any matters not specifically covered herein related to trading, settlement or otherwise related to Transactions involving Commodity Contracts shall be governed by the Rules of the SEF. In the event of any inconsistency between the Rules in this Chapter and any other SEF Rule, the Rules in this Chapter shall govern.

(b) The SEF shall list for trading hereunder Commodity Contracts as may be designated by the SEF from time to time.

Rule 1302. Definitions.

As used in this Chapter, the following terms shall have the following meanings:

Commodity Contract

The term “Commodity Contract” shall include Commodity Swaps, Option on Commodity Swaps, and any other interests or instruments traded on or subject to the Rules.

CAISO

The Term “CAISO”, or its successor, shall mean the California Independent System Operator which reports market prices on its website at oasis.caiso.com or its successor.

Contract Period

The Term “Contract Period” shall mean the expiration month or date of the Contract.

ERCOT

The Term “ERCOT” shall mean the Electric Reliability Council of Texas, or its successor, which reports market prices on its website at www.ercot.com or its successor.

Gas Daily

The Term “Gas Daily” shall mean Platts Gas Daily, or any successor publication, published by The McGraw-Hill Companies Inc. or its successor.

Inside FERC

The Term “Inside FERC” shall mean Platts Inside F.E.R.C.’s Gas Market Report, or any successor publication, published by The McGraw-Hill Companies Inc. or its successor.

**ISO**

The term “ISO” shall mean Independent System Operator.

ISO New England

The Term “ISO New England” shall mean the Independent System Operator of New England, or its successor, which reports market prices on its website at www.iso-ne.com or its successor.

Last Trading Day

The term “Last Trading Day” shall mean the last day on which trading is permitted for swap in accordance with the Rules.

LMBP

The term “LMBP” shall mean locational based marginal pricing.

LMP

The term “LMP” shall mean locational based marginal pricing.

MISO

The Term “MISO” shall mean the Midwest Independent Transmission System Operator, Inc., or its successor, which reports market prices on its website at www.midwestiso.org or its successor.

MMBTU or MMBtu or mmbtu

The Term “MMBTU”, “MMBtu” and “mmbtu” each means one million British thermal units

NYISO

The Term “NYISO” shall mean the New York Independent System Operator, or its successor, which reports market prices on its website at www.nyiso.com or its successor.

PJM

The Term “PJM” shall mean the PJM Interconnection regional transmission organization, or its successor, which reports market prices on its website at www.pjm.com or its successor.



Platts Asia-Pacific/Arab Gulf Market Scan

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Pricing Calendar

The Term “Pricing Calendar” shall mean the holiday calendar relevant for determining the publication dates of a Reference Price.

Pricing Date

The Term “Pricing Date” shall mean the day on which the applicable prices are announced or published by the Price Source.



Price Source

The Term “Price Source” shall mean the publication (or such other origin of reference) containing (or reporting) the Specified Price (or prices from which the Specified Price is calculated).

Reference Price

The Term “Reference Price” shall mean any of the commodity reference prices specified in the 2005 ISDA Commodity Definitions, or any successor publications, or a commodity reference price specified using the commodity reference price framework described in the 2005 ISDA Commodity Definitions, or its successor.

Specified Price

The Term “Specified Price” shall mean the explicit price reported in or by the Price Source, or capable of being determined from information reported in or by, the relevant Price Source.

Rule 1303. Trading Hours.

Trading in Commodity Contracts is available at all times except during system maintenance. Maintenance windows are reserved each weekday from 6:30 PM to 7:30 PM ET and Friday 6:30 PM ET through Sunday 5:00 PM ET.

Rule 1304. Reserved

Rule 1305. Reserved

Rule 1306. Reserved

Rule 1307. Reserved

Rule 1308. Reserved

Rule 1309. Reserved

Rule 1310. Reserved

Rule 1311. Fixed Price Swap - El Paso - San Juan Basin, Blanco Pool (Primary only)

Contract Description: A monthly cash settled swap based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Settlement Method: Cash settlement



Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: \$0.0001

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-EL PASO (SAN JUAN BASIN)-INSIDE FERC

(a) **Description:** "NATURAL GAS-EL PASO (SAN JUAN BASIN)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Prices of Spot Gas Delivered to Pipelines (\$/MMBtu): El Paso Natural Gas Co., San Juan Basin" in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of the Contract Period

(c) **Specified Price:** Average

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1312. Fixed Price Swap - Henry Hub - Tailgate, Louisiana**

Contract Description: A monthly cash settled swap based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: \$0.0001

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-S. LOUISIANA (HENRY HUB)-INSIDE FERC

(a) **Description:** "NATURAL GAS-S. LOUISIANA (HENRY HUB)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Prices of Spot Gas Delivered to Pipelines (\$/MMBtu): South Louisiana, Henry Hub" in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of the Contract Period

(c) **Specified Price:** Average

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1313. Fixed Price Swap - Northwest Pipeline Corp. - Rocky Mountains**

Contract Description: A monthly cash settled swap based upon the monthly price published by Inside FERC for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: \$0.0001

Listing Cycle: Up to 60 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-NWPL (ROCKY MOUNTAINS)-INSIDE FERC

(a) **Description:** "NATURAL GAS-NWPL (ROCKY MOUNTAINS)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Prices of Spot Gas Delivered to Pipelines (\$/MMBtu): Panhandle Eastern Pipe Line Co.: Northwest Pipeline Corp.: Rocky Mountains" in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of the Contract Period

(c) **Specified Price:** Average

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1314. Fixed Price Swap - Weekly Gas Storage Inventory**

Contract Description: A weekly cash settled swap based upon the total change in billion cubic feet of natural gas (BCF) as reported by the U.S. Energy Information Administration (EIA) Weekly Natural Gas Report as specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 10000 USD

Currency: USD

Trading Price Quotation: 1 BCF

Listing Cycle: Up to 10 Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Publication date of the EIA storage number for the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-WEEKLY NATURAL GAS STORAGE REPORT-U.S. ENERGY INFORMATION ADMINISTRATION

(a) **Description:** "NATURAL GAS-WEEKLY NATURAL GAS STORAGE REPORT-U.S. ENERGY INFORMATION ADMINISTRATION" shall mean that the price for a Pricing Date will be that day's Specified Price of natural gas for the Delivery Date, stated in billion cubic feet (BCF), published on the EIA website: <http://ir.eia.gov/ngs/ngs.html>

(b) **Pricing Date:** First publication date of the Contract Period

(c) **Specified Price:** Total Change

(d) **Pricing Calendar:** EIA

(e) **Delivery Date:** Week ending on the Friday prior to the Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1315. Basis Swap - Consumers Energy Citygate

Contract Description: A monthly cash settled swap based upon the mathematical result of subtracting the price of the NYMEX Henry Hub Natural Gas Futures Contract, as defined in Reference Price B, from the monthly price published by Inside FERC for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 72 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A minus Reference Price B

Reference Price A: NATURAL GAS-UPPER MIDWEST (CONSUMERS ENERGY CITY-GATES)-INSIDE FERC

(a) **Description:** "NATURAL GAS-UPPER MIDWEST (CONSUMERS ENERGY CITY-GATES)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Market Center Spot Gas Prices (\$/MMBtu): Upper Midwest, Consumers Energy city-gate" in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of Contract Period

(c) **Specified Price:** Index

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Reference Price B: NATURAL GAS-NYMEX

(a) **Description:** "NATURAL GAS-NYMEX" means that the price for a Pricing Date will be that day's Specified Price per MMBtu of natural gas on the NYMEX of the Henry Hub Natural Gas Futures Contract for the Delivery Date, stated in U.S. Dollars, as made public by the NYMEX on that Pricing Date.



(b) **Pricing Date:** Last scheduled trading day of the NYMEX Henry Hub Natural Gas Futures Contract for the Delivery Date

(c) **Specified Price:** Settlement price

(d) **Pricing Calendar:** NYMEX

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1316. Basis Swap - Texas Eastern Transmission Corp. - East Texas Zone

Contract Description: A monthly cash settled swap based upon the mathematical result of subtracting the price of the NYMEX Henry Hub Natural Gas Futures Contract, as defined in Reference Price B, from the monthly price published by Inside FERC for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 72 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Reference Price A minus Reference Price B

Reference Price A: NATURAL GAS-TETCO (E. TEXAS ZONE)-INSIDE FERC

(a) **Description:** “NATURAL GAS-TETCO (E. TEXAS ZONE)-INSIDE FERC” means that the price for a Pricing Date will be that day’s Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading “Market Center Spot Gas Prices (\$/MMBtu): Texas Eastern Transmission Corp., East Texas zone” in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of Contract Period

(c) **Specified Price:** Index

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Reference Price B: NATURAL GAS-NYMEX

(a) **Description:** “NATURAL GAS-NYMEX” means that the price for a Pricing Date will be that day’s Specified Price per MMBtu of natural gas on the NYMEX of the Henry Hub Natural Gas Futures Contract for the Delivery Date, stated in U.S. Dollars, as made public by the NYMEX on that Pricing Date.



(b) **Pricing Date:** Last scheduled trading day of the NYMEX Henry Hub Natural Gas Futures Contract for the Delivery Date

(c) **Specified Price:** Settlement price

(d) **Pricing Calendar:** NYMEX

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1317. Index Swap - El Paso - San Juan Basin, Blanco Pool (Primary only)

Contract Description: A monthly cash settled swap based upon the mathematical result of subtracting the monthly price published by Inside FERC, as defined in Reference Price B, from the average of the daily prices published by Gas Daily, as defined in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 48 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Average of the Reference Price A prices minus Reference Price B

Reference Price A: NATURAL GAS-NEW MEXICO (EL PASO, SAN JUAN)-GAS DAILY

(a) **Description:** "NATURAL GAS-NEW MEXICO (EL PASO, SAN JUAN)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): New Mexico-San Juan Basin, El Paso, San Juan" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Each calendar day in the Contract Period

Reference Price B: NATURAL GAS-EL PASO (SAN JUAN BASIN)-INSIDE FERC

(a) **Description:** "NATURAL GAS-EL PASO (SAN JUAN BASIN)-INSIDE FERC" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Market Center Spot Gas Prices (\$/MMBtu): El Paso Natural Gas Co., San Juan Basin" in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of the Contract Period



(c) **Specified Price:** Index

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1318. Index Swap - Tennessee Gas Pipeline Co. - Zone L, 800 Leg Pool

Contract Description: A monthly cash settled swap based upon the mathematical result of subtracting the monthly price published by Inside FERC, as defined in Reference Price B, from the average of the daily prices published by Gas Daily, as defined in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 48 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The last Business Day prior to the first calendar day of the Contract Period

Final Settlement: Average of the Reference Price A prices minus Reference Price B

Reference Price A: NATURAL GAS-LOUISIANA (TENNESSEE, 800 LEG)-GAS DAILY

(a) **Description:** “NATURAL GAS-LOUISIANA (TENNESSEE, 800 LEG)-GAS DAILY” means that the price for a Pricing Date will be that day’s Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading “Daily price survey (\$/MMBtu): Louisiana-Onshore South, Tennessee, 800 Leg” in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Each calendar day in the Contract Period

Reference Price B: NATURAL GAS-TENNESSEE GAS (LOUISIANA, 800 LEG)-INSIDE FERC

(a) **Description:** “NATURAL GAS-TENNESSEE GAS (LOUISIANA, 800 LEG)-INSIDE FERC” means that the price for a Pricing Date will be that day’s Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading “Market Center Spot Gas Prices (\$/MMBtu): Tennessee Gas Pipeline Co., Louisiana, 800 leg” in the issue of Inside FERC that reports prices effective on that Pricing Date.

(b) **Pricing Date:** First publication date of the Contract Period



(c) **Specified Price:** Index

(d) **Pricing Calendar:** Inside FERC

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1319. Swing Swap - Algonquin Citygates (Excluding J-Lateral deliveries)**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-CITYGATES (ALGONQUIN)-GAS DAILY

(a) **Description:** "NATURAL GAS-CITYGATES (ALGONQUIN)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Citygates, Algonquin, city-gates" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1320. Swing Swap - Carthage Hub Tailgate**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-EAST TEXAS (CARTHAGE)-GAS DAILY

(a) **Description:** "NATURAL GAS-EAST TEXAS (CARTHAGE)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): East Texas-North Louisiana Area, Carthage Hub" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1321. Swing Swap - Cheyenne Hub**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-ROCKIES (CHEYENNE HUB)-GAS DAILY

(a) **Description:** "NATURAL GAS-ROCKIES (CHEYENNE HUB)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Rockies, Cheyenne Hub" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1322. Swing Swap - Columbia Gulf Transmission Co. - Onshore Pool**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Minimum Price Fluctuation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (COLUMBIA GULF)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (COLUMBIA GULF)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Columbia Gulf, La." in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1323. Swing Swap - Consumers Energy Citygate**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-CITYGATES (CONSUMERS ENERGY)-GAS DAILY

(a) **Description:** "NATURAL GAS-CITYGATES (CONSUMERS ENERGY)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Citygates, Consumers city-gate" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1324. Swing Swap - Enable - Flex Pool only**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-OKLAHOMA (CENTERPOINT, EAST)-GAS DAILY

(a) **Description:** "NATURAL GAS-OKLAHOMA (CENTERPOINT, EAST)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Oklahoma, CenterPoint, East" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1325. Swing Swap - Florida Gas Transmission - Zone 1 (non-constrained pool gas only)**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (FLORIDA GAS ZONE 1)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (FLORIDA GAS ZONE 1)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Florida Gas, zone 1" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1326. Swing Swap - Florida Gas Transmission - Zone 2 (non-constrained pool gas only)**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (FLORIDA GAS ZONE 2)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (FLORIDA GAS ZONE 2)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Florida Gas, zone 2" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1327. Swing Swap - Tennessee Gas Pipeline Co. - Zone L, 500 Leg Pool**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (TENNESSEE, 500 LEG)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (TENNESSEE, 500 LEG)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Tennessee, 500 Leg" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1328. Swing Swap - Tennessee Gas Pipeline Co. - Zone L, 800 Leg Pool**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (TENNESSEE, 800 LEG)-GAS DAILY

(a) **Description:** “NATURAL GAS-LOUISIANA (TENNESSEE, 800 LEG)-GAS DAILY” means that the price for a Pricing Date will be that day’s Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading “Daily price survey (\$/MMBtu): Louisiana-Onshore South, Tennessee, 800 Leg” in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1329. Swing Swap - Texas Eastern Transmission Corp. - East Texas Zone**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-EAST TEXAS (TEXAS EASTERN ETX)-GAS DAILY

(a) **Description:** "NATURAL GAS-EAST TEXAS (TEXAS EASTERN ETX)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): East Texas-North Louisiana Area, Tx. Eastern, ETX" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1330. Swing Swap - Texas Gas Transmission Corp. - Zone SL FT Pool**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (TEXAS GAS ZONE SL)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (TEXAS GAS ZONE SL)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Tx. Gas, zone SL" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1331. Swing Swap - Transcontinental Gas Pipe Line Corp. - Station 30 (Zone 1)**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-SOUTH-CORPUS CHRISTI (TRANSCO ZONE 1)-GAS DAILY

(a) **Description:** "NATURAL GAS-SOUTH-CORPUS CHRISTI (TRANSCO ZONE 1)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): South-Corpus Christi, Transco, zone 1" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1332. Swing Swap - Transcontinental Gas Pipe Line Corp. - Station 45 (Zone 2)**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (TRANSCO ZONE 2)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (TRANSCO ZONE 2)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Transco, zone 2" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1333. Swing Swap - Trunkline Gas Company - West Louisiana Pool**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (TRUNKLINE WLA) -GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (TRUNKLINE WLA) -GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South, Trunkline, WLA" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1334. Swing Swap - Texas Eastern Transmission Corp. - East Louisiana Zone**

Contract Description: A daily cash settled swap based upon the daily price published by Gas Daily for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 2500 MMBtus

Currency: USD

Trading Price Quotation: 0.0001

Listing Cycle: Up to 65 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Reference Price A

Reference Price A: NATURAL GAS-LOUISIANA (TEXAS EASTERN ELA)-GAS DAILY

(a) **Description:** "NATURAL GAS-LOUISIANA (TEXAS EASTERN ELA)-GAS DAILY" means that the price for a Pricing Date will be that day's Specified Price per MMBTU of natural gas for delivery on the Delivery Date, stated in U.S. Dollars, published under the heading "Daily price survey (\$/MMBtu): Louisiana-Onshore South: Texas Eastern, ELA: Midpoint" in the issue of Gas Daily that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Midpoint

(d) **Pricing Calendar:** Gas Daily

(e) **Delivery Date:** Contract Period

Final Payment Date: Five (5) New York Business Days after each settlement date via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1335. ERCOT - Houston 345KV Hub Day-Ahead Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by ERCOT for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-ERCOT-HOUSTON 345KV HUB-DAY AHEAD

(a) **Description:** "ELECTRICITY-ERCOT-HOUSTON 345KV HUB-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ERCOT at <http://www.ercot.com/mktinfo/prices/>, under the heading "Market Information: Market Prices" that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0700-2200 CPT

(d) **Pricing Calendar:** ERCOT

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1336. ERCOT - South 345KV Hub Day-Ahead Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by ERCOT for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-ERCOT-SOUTH 345KV HUB-DAY AHEAD

(a) **Description:** "ELECTRICITY-ERCOT-SOUTH 345KV HUB-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ERCOT at <http://www.ercot.com/mktinfo/prices/>, under the heading "Market Information: Market Prices" that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0700-2200 CPT

(d) **Pricing Calendar:** ERCOT

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1337. ERCOT - West 345KV Hub Day-Ahead Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by ERCOT for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-ERCOT-WEST 345KV HUB-DAY AHEAD

(a) **Description:** "ELECTRICITY-ERCOT-WEST 345KV HUB-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ERCOT at <http://www.ercot.com/mktinfo/prices/>, under the heading "Market Information: Market Prices" that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0700-2200 CPT

(d) **Pricing Calendar:** ERCOT

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1338. MISO First Energy Hub Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME

(a) **Description:** "ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1339. MISO Illinois Hub Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-ILLINOIS HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-ILLINOIS HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1340. MISO Mich Hub Day-Ahead Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MICHIGAN HUB-DAY AHEAD

(a) **Description:** “ELECTRICITY MISO-MICHIGAN HUB-DAY AHEAD” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings “Library: Market Reports” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1341. MISO Michigan Hub Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MICHIGAN HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-MICHIGAN HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1342. MISO Minn Hub Day-Ahead Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-MINNESOTA HUB-DAY AHEAD

(a) **Description:** "ELECTRICITY-MISO-MINNESOTA HUB-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1343. MISO Minnesota Hub Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MINNESOTA HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-MINNESOTA HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1344. NEPool Mass Hub Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by ISO New England for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-ISO NEW ENGLAND-MASS HUB-REAL TIME

(a) **Description:** "ELECTRICITY-ISO NEW ENGLAND-MASS HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ISO New England at <http://www.iso-ne.com/markets>, under the headings "Hourly Data: Selectable Hourly LMP Data: 4000_:.H.INTERNAL_HUB: Start Date/End Date: LMP prices for Day-ahead and Real-time: Real Time LMP" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** ISO New England

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1345. NYISO Zone A Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by NYISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-NYISO-ZONE A (WEST)-REAL TIME

(a) **Description:** “ELECTRICITY-NYISO-ZONE A (WEST)-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, which Specified Price will be the Specified Price for each hour during the Delivery Period, stated in U.S. Dollars, published by the NYISO at <http://www.nyiso.com/oasis/index.html>, under the headings “Market Data: Time Weighted/Integrated Real Time LBMP: Zonal: WEST 61752: LBMP (\$/MWhr)” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LBMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** NYISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1346. NYISO Zone G Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by NYISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-NYISO-ZONE G (HUD VL)-REAL TIME

(a) **Description:** "ELECTRICITY-NYISO-ZONE G (HUD VL)-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, which Specified Price will be the Specified Price for each hour during the Delivery Period, stated in U.S. Dollars, published by the NYISO at <http://www.nyiso.com/oasis/index.html>, under the headings "Market Data: Time Weighted/Integrated Real Time LBMP: Zonal: HUD VL 61758: LBMP (\$/MWhr)" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LBMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** NYISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1347. NYISO Zone J Real-Time Peak

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by NYISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-NYISO-ZONE J (N.Y.C.)-REAL TIME

(a) **Description:** “ELECTRICITY-NYISO-ZONE J (N.Y.C.)-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, which Specified Price will be the Specified Price for each hour during the Delivery Period, stated in U.S. Dollars, published by the NYISO at <http://www.nyiso.com/oasis/index.html>, under the headings “Market Data: Time Weighted/Integrated Real Time LBMP: Zonal: N.Y.C. 61761: LBMP (\$/MWhr)” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LBMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** NYISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1348. PJM Eastern Hub Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by PJM for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-PJM-EASTERN HUB-REAL TIME

(a) **Description:** “ELECTRICITY-PJM-EASTERN HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the PJM at <http://www.pjm.com/markets/energy-market/real-time.html>, under the headings “Daily Real-Time LMP: Daily Real-Time Locational Marginal Pricing Files: EASTERN HUB” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** PJM

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1349. PJM PSEG Zone Real-Time Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by PJM for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY PJM-PSEG-REAL TIME

(a) **Description:** "ELECTRICITY PJM-PSEG-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the PJM at <http://www.pjm.com/markets/energy-market/real-time.html>, under the headings "Daily Real-Time LMP: Daily Real-Time Locational Marginal Pricing Files: PSEG" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** PJM

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1350. MISO First Energy Hub Real-Time Off-Peak

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME

(a) **Description:** "ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1351. MISO Illinois Hub Real-Time Off-Peak**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-ILLINOIS HUB-REAL TIME

(a) **Description:** “ELECTRICITY MISO-ILLINOIS HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings “Library: Market Reports” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1352. MISO Michigan Hub Real-Time Off-Peak

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MICHIGAN HUB-REAL TIME

(a) **Description:** “ELECTRICITY MISO-MICHIGAN HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings “Library: Market Reports” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1353. MISO Minnesota Hub Day-Ahead Off-Peak

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-MINNESOTA HUB-DAY AHEAD

(a) **Description:** "ELECTRICITY-MISO-MINNESOTA HUB-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1354. MISO Minnesota Hub Real-Time Off-Peak

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MINNESOTA HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-MINNESOTA HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1355. NEPool Mass Hub Real-Time Off-Peak

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by ISO New England for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 110 consecutive monthly Contract Periods, or as otherwise determined by the SEF

Last Trading Day: Two Business Days prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-ISO NEW ENGLAND-MASS HUB-REAL TIME

(a) **Description:** “ELECTRICITY-ISO NEW ENGLAND-MASS HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ISO New England at <http://www.iso-ne.com/markets>, under the headings “Hourly Data: Selectable Hourly LMP Data: 4000_:.H.INTERNAL_HUB: Start Date/End Date: LMP prices for Day-ahead and Real-time: Real Time LMP” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours ending 0100-0700, 2400 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EPT

(d) **Pricing Calendar:** ISO New England

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1356. ERCOT - North 345KV Hub Real-Time Peak Daily**

Contract Description: A daily cash settled swap based upon the mathematical average of peak hourly electricity prices published by ERCOT for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Reference Price A

Reference Price A: ELECTRICITY-ERCOT-NORTH 345KV HUB-REAL TIME

(a) **Description:** "ELECTRICITY-ERCOT-NORTH 345KV HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ERCOT at <http://www.ercot.com/mktinfo/prices/>, under the heading "Market Information: Market Prices" that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0700-2200 CPT

(d) **Pricing Calendar:** ERCOT

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.



Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1357. PJM Western Hub Real-Time Peak Daily

Contract Description: A daily cash settled swap based upon the mathematical average of peak hourly electricity prices published by PJM for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Reference Price A

Reference Price A: ELECTRICITY PJM-WESTERN HUB-REAL TIME

(a) **Description:** “ELECTRICITY PJM-WESTERN HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the PJM at <http://www.pjm.com/markets/energy-market/real-time.html>, under the headings “Daily Real-Time LMP: Daily Real-Time Locational Marginal Pricing Files: WESTERN HUB” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** PJM

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1358. MISO First Energy Hub Real-Time Peak Daily**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME

(a) **Description:** "ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1359. MISO Illinois Hub Real-Time Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-ILLINOIS HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-ILLINOIS HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1360. MISO Michigan Hub Real-Time Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MICHIGAN HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-MICHIGAN HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1361. MISO Minnesota Hub Real-Time Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MINNESOTA HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-MINNESOTA HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1362. PJM PEPCO Real-Time Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by PJM for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-PJM-PEPCO-REAL TIME

(a) **Description:** "ELECTRICITY-PJM-PEPCO-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the PJM at <http://www.pjm.com/markets/energy-market/real-time.html>, under the headings "Daily Real-Time LMP: Daily Real-Time Locational Marginal Pricing Files: PEPCO" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** PJM

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1363. PJM PSEG Zone Real-Time Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by PJM for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 800 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY PJM-PSEG-REAL TIME

(a) **Description:** "ELECTRICITY PJM-PSEG-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the PJM at <http://www.pjm.com/markets/energy-market/real-time.html>, under the headings "Daily Real-Time LMP: Daily Real-Time Locational Marginal Pricing Files: PSEG" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Friday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0800-2300 EPT

(d) **Pricing Calendar:** PJM

(e) **Delivery Date:** Contract Period



Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1364. MISO First Energy Hub Real-Time Off-Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME

(a) **Description:** "ELECTRICITY-MISO-FIRST ENERGY HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1365. MISO Illinois Hub Real-Time Off-Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-ILLINOIS HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-ILLINOIS HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1366. MISO Michigan Hub Real-Time Off-Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MICHIGAN HUB-REAL TIME

(a) **Description:** "ELECTRICITY MISO-MICHIGAN HUB-REAL TIME" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1367. MISO Minnesota Hub Day-Ahead Off-Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-MISO-MINNESOTA HUB-DAY AHEAD

(a) **Description:** "ELECTRICITY-MISO-MINNESOTA HUB-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings "Library: Market Reports" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1368. MISO Minnesota Hub Real-Time Off-Peak Daily**

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by MISO for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY MISO-MINNESOTA HUB-REAL TIME

(a) **Description:** “ELECTRICITY MISO-MINNESOTA HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the MISO at <https://www.midwestiso.org/Library/MarketReports/Pages/MarketReports.aspx>, under the headings “Library: Market Reports” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours, EST, that are not ending 0800-2300 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EST

(d) **Pricing Calendar:** MISO

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1369. NEPool Mass Hub Real-Time Off-Peak Daily

Contract Description: A monthly cash settled swap based upon the mathematical average of daily prices calculated by averaging the off-peak hourly electricity prices published by ISO New England for the location specified in Reference Price A.

Settlement Method: Cash settlement

Contract Size: 50 MWh

Currency: USD

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: The Business Day prior to the Contract Period

Final Settlement: Average of Reference Price A Prices

Reference Price A: ELECTRICITY-ISO NEW ENGLAND-MASS HUB-REAL TIME

(a) **Description:** “ELECTRICITY-ISO NEW ENGLAND-MASS HUB-REAL TIME” means that the price for a Pricing Date will be that day’s Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the ISO New England at <http://www.iso-ne.com/markets>, under the headings “Hourly Data: Selectable Hourly LMP Data: 4000_:.H.INTERNAL_HUB: Start Date/End Date: LMP prices for Day-ahead and Real-time: Real Time LMP” or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each day that prices are reported for the Delivery Date

(c) **Specified Price:** For each Monday through Friday, excluding NERC holidays, the average of LMPs for all hours ending 0100-0700, 2400 EPT; for each Saturday, Sunday, and NERC holiday, the average of LMPs for all hours ending 0100-2400 EPT

(d) **Pricing Calendar:** ISO New England

(e) **Delivery Date:** Contract Period

Final Payment Date: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 1370. Daily CFD - Brent CFD vs Second Month Swap – 1,000 bbl**

Contract Description: A cash settled swap based on the difference between Platts Dated Brent and the second listed Platts BFOE month

Contract Symbol: BSM

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Second Business Day after the nominal contract date

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ “Mid” quotations appearing in “Platts Crude Oil Marketwire” under the heading “Key benchmarks (\$/bbl)” for “Brent (Dated)” published for each contract day during the determination period minus the average of the ~~mean of the high and low~~ “Mid” quotations for the “Spot Crude Assessment” for “Brent” for the second quoted month for each Business Day that both are determined during the contract month.

Roll Adjust Provision: N/A

Contract Series: 130 days, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1371. Brent CFD vs Second Month Swap**

Contract Description: A cash settled swap based on the difference between the Platts daily assessment price for Dated Brent and the second listed Platts BFOE month.

Contract Symbol: CFD

Contract Size: 200 barrels

Unit of Trading: CFD's will trade as weekly packages on the execution platform. Each weekly contract of 1,000 bbls will be divided into 5 daily contracts of 200 bbls each. No holidays are observed, and thus, holiday and publication interruptions, with regard to final settlement, will be final settled at the average of the applicable daily prints within the relevant week. Each day in the CFD will settle independently and sequentially, once the final weekly average is determined.

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Eight calendar days following the nominal contract day.

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Key benchmarks (\$/bbl)" for "Brent (Dated)" published for each contract day during the determination period minus the average of the ~~mean of the high and low~~ "Mid" quotations for the "Spot Crude Assessment" for "Brent" for the second quoted month for each Business Day that both are determined during the contract month.

Roll Adjust Provision: N/A

Contract Series: 90 consecutive Days, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1372. Weekly Brent CFD vs Third Month Swap**

Contract Description: A cash settled swap based on the difference between the Platts daily assessment price for Dated Brent and the third listed Platts BFOE month.

Contract Symbol: CFT

Contract Size: 200 barrels

Unit of Trading: Any multiple of 200 barrels.

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Eight calendar days following the nominal contract day.

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Key benchmarks (\$/bbl)" for "Brent (Dated)" published for each contract day during the determination period minus the average of the ~~mean of the high and low~~ "Mid" quotations for the "Spot Crude Assessment" for "Brent" for the third quoted month for each Business Day that both are determined during the contract period.

Roll Adjust Provision: N/A

Contract Series: 130 consecutive Days

Final Payment Dates: One Business Day following the Last Trading Day

Business Days: UK Business Days

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1373. Fuel Oil 1% FOB NWE Cargoes Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil

Contract Symbol: CAR

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1374. Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil and the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil

Contract Symbol: FOS

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period. Non-Common Pricing Applies

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1375. Fuel Oil 180 CST Singapore Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for 180 CST Singapore Fuel Oil.

Contract Symbol: SZS

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ “Mid” quotations appearing in the “Platts Asia-Pacific/Arab Gulf Marketscan” under the heading “Asia Products” subheading “Singapore” and “FOB Singapore” for “HSFO 180 CST (\$/mt)” for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1376. Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for 3.5% FOB Med Cargoes Fuel Oil and the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil

Contract Symbol: NVS

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "FOB MED (Italy)" for "Fuel Oil 3.5%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1377. Fuel Oil 3.5% FOB Rotterdam Barges Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil

Contract Symbol: BAR

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1378. Fuel Oil 380 CST Singapore Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for 380 CST Singapore Fuel Oil

Contract Symbol: SYS

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ “Mid” quotations appearing in the “Platts Asia-Pacific/Arab Gulf Marketscan” under the heading “Asia Products” subheading “Singapore” and “FOB Singapore” for “HSFO 380 CST (\$/mt)” for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1379. Fuel Oil 1% FOB NWE Cargoes Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil.

Contract Symbol: AAA-AAZ; ABA-ABE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1380. Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil and the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil

Contract Symbol: FCA-FCZ; FDA-FDE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period. Non-Common Pricing Applies

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1381. Fuel Oil 180 CST Singapore Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for 180 CST Singapore Fuel Oil.

Contract Symbol: BLA-BLZ; BMA-BME

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ “Mid” quotations appearing in the “Platts Asia-Pacific/Arab Gulf Marketscan” under the heading “Asia Products” subheading “Singapore” and “FOB Singapore” for “HSFO 180 CST (\$/mt)” for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1382. Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Swap

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for 3.5% FOB Med Cargoes Fuel Oil and the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil

Contract Symbol: DTA-DTZ; DUA-DUE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "FOB MED (Italy)" for "Fuel Oil 3.5%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1383. Fuel Oil 380 CST Singapore Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for 380 CST Singapore Fuel Oil

Contract Symbol: BJA-BJZ; BKA-BKE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "HSFO 380 CST (\$/mt)" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1384. Singapore Gasoil Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Singapore Gasoil.

Contract Symbol: SWS

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoil" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 1385. Singapore Gasoil Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for Singapore Gasoil

Contract Symbol: VXC-VXZ; VYA-VYG

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoil" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 1386. Reserved



Rule 1387. Reserved



Rule 1388. Reserved



Rule 1389. Reserved



Rule 1390. Reserved



Rule 1391. Reserved



Rule 1392. Reserved



Rule 1393. Reserved



Rule 1394. Reserved



Rule 1395. Reserved



Rule 1396. Reserved



Rule 1397. Reserved



Rule 1398. Reserved

**Rule 1399. Singapore Jet Kerosene Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Singapore Jet Kerosene.

Contract Symbol: SRS

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Kerosene" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13100. Singapore Jet Kerosene Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for Singapore Jet Kerosene.

Contract Symbol: BQA-BQZ; BRA-BRE

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Kerosene" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13101. Reserved

**Rule 13102. Jet FOB Rotterdam Barges vs Jet CIF NWE Cargoes Swap**

Contract Description: A monthly cash settled swap based on the difference of the Platts daily assessment price for Jet FOB Rotterdam Barges and the Platts daily assessment price for Jet CIF NWE Cargoes Swap

Contract Symbol: JRJ

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Jet" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "Jet" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13103. Reserved

**Rule 13104. Singapore Mogas 92 Unleaded Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Singapore Mogas Gasoline 92 unleaded.

Contract Symbol: SMT

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoline 92 unleaded" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13105. Singapore Mogas 95 Unleaded vs Singapore Mogas 92 Unleaded Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Singapore Mogas Gasoline 95 unleaded and the Platts daily assessment price for Singapore Mogas Gasoline 92 unleaded.

Contract Symbol: SMD

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoline 95 unleaded" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoline 92 unleaded" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13106. Naphtha CIF NWE Cargoes Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Naphtha CIF NWE Cargoes

Contract Symbol: NEC

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest European cargoes" subheading "CIF NWE/Basis ARA" for "Naphtha" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13107. Naphtha CIF NWE Cargoes Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for Naphtha CIF NWE Cargoes.

Contract Symbol: EAA-EAZ; EBA-EBE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest European cargoes" subheading "CIF NWE/Basis ARA" for "Naphtha" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13108. Naphtha CIF NWE Cargoes vs Brent 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Naphtha CIF NWE Cargoes and the ICE daily settlement price for Brent 1st Line Future

Contract Symbol: NOB

Contract Size: 1,000 metric tonnes (8,900 bbls)

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest European cargoes" subheading "CIF NWE/Basis ARA" for "Naphtha" and the average of the settlement prices as made public by ICE for the front month Brent 1st Line Future for each business day (as specified below) in the determination period.

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Brent Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract.

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13109. Naphtha CIF NWE Cargoes vs Brent 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Naphtha CIF NWE Cargoes and the ICE daily settlement price for Brent 1st Line Future

Contract Symbol: FJA-FJZ; FKA-FKE

Contract Size: 1,000 metric tonnes (8,900 bbls)

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest European cargoes" subheading "CIF NWE/Basis ARA" for "Naphtha" and the average of the settlement prices as made public by ICE for the front month Brent 1st Line Future for each business day (as specified below) in the determination period.

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Brent Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract.

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13110. Singapore Jet Kero vs Singapore Gasoil Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Singapore Jet Kerosene and Platts daily assessment price for Singapore Gasoil.

Contract Symbol: SVW

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Kerosene" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoil" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13111. Bunker 380cst (Delivered Hong Kong) Swap**

Contract Description: A cash settled swap based on the Platts daily assessment price for 380cst (Delivered Hong Kong) Bunker Fuel

Contract Symbol: PUAER00

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Bunkerwire" under the heading "East Asia (\$/mt)" and "IFO 380 CST", subheading "Delivered" for "Hong Kong" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Bunkerwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13112. Bunker 380cst (Delivered South Korea (Busan)) Swap**

Contract Description: A cash settled swap based on the Platts daily assessment price for 380cst (Delivered South Korea (Busan)) Bunker Fuel

Contract Symbol: PUAFR00

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Bunkerwire" under the heading "East Asia (\$/mt)" and "IFO 380 CST", subheading "Delivered" for "South Korea" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Bunkerwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13113. Bunker 380cst (Delivered Tokyo Bay) Swap**

Contract Description: A cash settled swap based on the Platts daily assessment price for 380cst (Delivered Tokyo Bay) Bunker Fuel

Contract Symbol: PUAEV00

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Bunkerwire" under the heading "East Asia (\$/mt)" and "IFO 380 CST", subheading "Delivered" for "Japan" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Bunkerwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13114. Reserved

**Rule 13115. Singapore Gasoil 0.25% Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Singapore Gasoil 0.25%

Contract Symbol: AACUE00

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoil 0.25% sulfur" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13116. Singapore Gasoil 10ppm Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Singapore Gasoil 10ppm

Contract Symbol: AAOVC00

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoil 10 ppm" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13117. FOB Arab Gulf Gasoil 500ppm Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for FOB Arab Gulf Gasoil 500ppm

Contract Symbol: AAFEZ00

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Middle East physical oil assessments" and "FOB Arab Gulf (\$/barrel)" for "Gasoil 0.05% sulfur" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13118. Reserved

**Rule 13119. Premium Unleaded Gasoline 10ppm FOB Med Cargoes Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Premium Unleaded 10ppm FOB Med Cargoes

Contract Symbol: UCB

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "FOB Med (Italy)" for "Prem Unl 10ppm" for each business day (as specified below) in the determination period

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13120. Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Swap**

Contract Description: A balance of the month cash settled based on the Platts daily assessment price for Premium Unleaded 10ppm FOB Med Cargoes

Contract Symbol: VVX-VXB

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "FOB Med (Italy)" for "Prem Unl 10ppm" for each business day (as specified below) in the determination period

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13121. Gasoil 0.1% CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% CIF Med Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULQ

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "CIF Med (Genova/Lavera)" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13122. Gasoil 0.1% CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% CIF Med Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: VFF-VFZ; VGA-VGJ

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "CIF Med (Genova/Lavera)" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13123. Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% CIF NWE Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULT

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13124. Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% CIF NWE Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: VGK-VGZ; VHA-VHO

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13125. Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges and the ICE daily settlement price for ICE Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULR

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling



Rule 13126. Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges vs Low Sulphur Gasoil 1st Line Balmo Swap

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges and the ICE daily settlement price for ICE Low Sulphur Gasoil 1st Line Future

Contract Symbol: VHP-VHZ; VIA-VIT

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13127. Jet FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference of the Platts daily assessment price for Jet FOB Rotterdam Barges and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULK

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Jet" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13128. Jet FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference of the Platts daily assessment price for Jet FOB Rotterdam Barges and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: N/A

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Jet" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13129. Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference of the Platts daily assessment price for Jet CIF NWE Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULJ

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "Jet" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13130. Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference of the Platts daily assessment price for Jet CIF NWE Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: VOT-VOZ; VPA-VPX

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "Jet" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling



Rule 13131. Diesel 10ppm FOB ~~Rotterdam-ARA~~ Barges vs Low Sulphur Gasoil 1st Line Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for the Diesel 10 ppm FOB ~~Rotterdam-ARA~~ Barges and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the relevant high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Diesel 10 ppm" and the average of the settlement prices as made public by ICE for Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13132. Diesel 10ppm FOB ~~Rotterdam-ARA~~ Barges vs Low Sulphur Gasoil 1st Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for the Diesel 10 ppm FOB ~~Rotterdam-ARA~~ Barges and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: VJZ;VKA-VKZ;VLA-VLD

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the relevant high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Diesel 10 ppm" and the average of the settlement prices as made public by ICE for Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13133. ULSD 10ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for ULSD 10ppm CIF Med Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULI

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "CIF Med (Genova/Lavera)" for "10ppm ULSD" and the average of the settlement prices as made public by ICE for Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13134. ULSD 10ppm CIF MED Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for ULSD 10ppm CIF Med Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: VMJ-VMZ; VNA-VNN

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Mediterranean cargoes" subheading "CIF Med (Genova/Lavera)" for "10ppm ULSD" and the average of the settlement prices as made public by ICE for Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13135. ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for the ULSD 10 ppm CIF NWE Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: ULF

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "ULSD 10 ppm" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13136. ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for the ULSD 10 ppm CIF NWE Cargoes and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: VNO-VNZ; VOA-VOS

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "ULSD 10 ppm" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13137. Gasoil 50ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Gasoil 50 ppm FOB Rotterdam Barges and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: N/A

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Gasoil 50 ppm" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13138. Gasoil 50ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Gasoil 50 ppm FOB Rotterdam Barges and the ICE daily settlement price for Low Sulphur Gasoil 1st Line Future

Contract Symbol: N/A

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 5,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: Twenty Five (\$0.25) cents per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Gasoil 50 ppm" and the average of the settlement prices as made public by ICE for the Low Sulphur Gasoil 1st Line Future for each business day (as specified below) in the determination period

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Low Sulphur Gasoil Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling

**Rule 13139. Urals NWE vs Dated Brent Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Urals North and Platts daily assessment price for Dated Brent (Mediterranean Dated strip).

Contract Symbol: MAM-MBQ

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 100,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Russian Urals/ESPO spot assessments" subheading "\$/bbl" for "Urals (Rotterdam)" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Forward Dated Brent" for "Mediterranean Dated strip" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13140. Urals NWE vs Dated Brent Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Urals North and Platts daily assessment price for Dated Brent (Mediterranean Dated strip).

Contract Symbol: CFU

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 100,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Russian Urals/ESPO spot assessments" subheading "\$/bbl" for "Urals (Rotterdam)" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Forward Dated Brent" for "Mediterranean Dated strip" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 36 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13141. Urals NWE vs Dated Brent Half Monthly Swap

Contract Description: A half monthly cash settled swap based on the difference between the Platts daily assessment price for Urals North and Platts daily assessment price for Dated Brent (Mediterranean Dated strip).

Contract Symbol: N/A

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 100,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Russian Urals/ESPO spot assessments" subheading "\$/bbl" for "Urals (Rotterdam)" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Forward Dated Brent" for "Mediterranean Dated strip" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 4 consecutive months (8 half months), or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13142. Urals Med vs Dated Brent Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Urals Med and Platts daily assessment price for Dated Brent.

Contract Symbol: MED-MFH

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 100,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Russian Urals/ESPO spot assessments" subheading "\$/bbl" for "Urals RCMB (Recombined)" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Key benchmarks (\$/bbl)" for "Brent (Dated)" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13143. Urals Med vs Dated Brent Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Urals Med and Platts daily assessment price for Dated Brent.

Contract Symbol: UCF

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 100,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Russian Urals/ESPO spot assessments" subheading "\$/bbl" for "Urals RCMB (Recombined)" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Key benchmarks (\$/bbl)" for "Brent (Dated)" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 36 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13144. Urals Med vs Dated Brent Half Monthly Swap**

Contract Description: A half monthly cash settled swap based on the difference between the Platts daily assessment price for Urals Med and Platts daily assessment price for Dated Brent.

Contract Symbol: N/A

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 100,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Russian Urals/ESPO spot assessments" subheading "\$/bbl" for "Urals RCMB (Recombined)" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Key benchmarks (\$/bbl)" for "Brent (Dated)" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 4 consecutive months (8 half months), or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13145. Singapore Mogas 92 Unleaded Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for Singapore Mogas Gasoline 92 unleaded.

Contract Symbol: ZKU-ZKZ; ZLA-ZLY

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoline 92 unleaded" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13146. Jet FOB Rotterdam Barges vs Jet CIF NWE Cargoes Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference of the Platts daily assessment price for Jet FOB Rotterdam Barges and the Platts daily assessment price for Jet CIF NWE Cargoes Swap

Contract Symbol: N/A

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Jet" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "CIF NWE/Basis ARA" for "Jet" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13147. Singapore Jet Kero vs Singapore Gasoil Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Singapore Jet Kerosene and Platts daily assessment price for Singapore Gasoil.

Contract Symbol: GPV-GQZ

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Kerosene" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Singapore" and "FOB Singapore" for "Gasoil" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13148. CAISO MEAD Day-Ahead Peak Daily Swap

Contract Description: A daily cash settled swap based upon the mathematical average of daily prices calculated by averaging the peak hourly electricity prices published by CAISO for the location specified in Reference Price A.

Contract Symbol: N/A

Contract Size: 800 MWh

Currency: US Dollars and cents

Trading Price Quotation: 0.05

Listing Cycle: Up to 365 consecutive daily Contract Periods, or as otherwise determined by the SEF

Last Trading Day: For Monday through Friday Contract Periods, excluding NERC holidays, if the following calendar day is a Business Day, the Business Day following the Contract Period with a closing time of 11:00pm EPT the night before; If the following calendar day is not a Business Day, the Business Day equal to the Contract Period with a closing time equal to the end of the Trading Session. For each Saturday, Sunday, and NERC holiday Contract Period, the last Business Day prior to the Contract Period with a closing time equal to the end of the Trading Session.

Final Settlement Price: Average of Reference Price A Prices

Reference Price A: ELECTRICITY CAISO-MEAD-DAY AHEAD

(a) **Description:** "ELECTRICITY CAISO-MEAD-DAY AHEAD" means that the price for a Pricing Date will be that day's Specified Price per MWh of electricity for delivery on the Delivery Date, stated in U.S. Dollars, published by the California ISO at <http://oasis.caiso.com/>, under the headings "Prices: Report: Locational Marginal Prices (LMP): P/APNode ID: MEADS_2_N101: Market: DAM"" or any successor headings, that reports prices effective on that Pricing Date.

(b) **Pricing Date:** Each Monday through Saturday, excluding NERC holidays, that prices are reported for the Delivery Date

(c) **Specified Price:** Average of LMPs for all hours ending 0700-2200 CPT

(d) **Pricing Calendar:** CAISO

(e) **Delivery Date:** Contract Period



Final Payment Dates: Ten (10) New York Business Days of the month following the Contract Period via wire transfer of Federal Funds.

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13149. Fuel Oil 1% FOB Rotterdam Barges Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for 1% FOB Rotterdam Barges Fuel Oil.

Contract Symbol: FOB

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the floating price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe Barges" subheading "FOB Rotterdam" for "Fuel Oil 1.0%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13150. Fuel Oil 1% FOB Rotterdam Barges Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for 1% FOB Rotterdam Barges Fuel Oil.

Contract Symbol: AWA-AWZ; AXA-AXE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the floating price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe Barges" subheading "FOB Rotterdam" for "Fuel Oil 1.0%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13151. Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for 1% FOB Rotterdam Barges Fuel Oil and the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil.

Contract Symbol: FBC

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe Barges" subheading "FOB Rotterdam" for "Fuel Oil 1.0%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13152. Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Balmo Swap

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for 1% FOB Rotterdam Barges Fuel Oil and the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil.

Contract Symbol: DLA-DLZ; DMA-DME

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe Barges" subheading "FOB Rotterdam" for "Fuel Oil 1.0%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13153. New York 1% Fuel Oil Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for New York 1% Fuel Oil.

Contract Symbol: FOW

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13154. New York 1% Fuel Oil Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for New York 1% Fuel Oil.

Contract Symbol: FRA-FRZ; FSA-FSE

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13155. New York 1% Fuel Oil vs Brent 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference the Platts daily assessment price for New York 1% Fuel Oil and the ICE daily settlement price for Brent 1st Line Future.

Contract Symbol: NFB

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" and the average of the settlement prices as made public by ICE for the front month Brent 1st Line Future for each business day (as specified below) in the determination period.

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Brent Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract.

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13156. New York 1% Fuel Oil vs Fuel Oil 1% FOB NWE Cargoes Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for New York 1% Fuel Oil and the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil.

Contract Symbol: FOH

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" for each business day (as specified below) in the determination period. Conversion Factor: 1 metric tonne = 6.35 barrels.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan and Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13157. New York 1% Fuel Oil vs Fuel Oil 1% FOB NWE Cargoes Balmo Swap

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for New York 1% Fuel Oil and the Platts daily assessment price for 1% FOB NWE Cargoes Fuel Oil.

Contract Symbol: GGF-GGZ; GHA-GHJ

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe cargoes" subheading "FOB NWE" for "Fuel oil 1.0%" for each business day (as specified below) in the determination period. Conversion Factor: 1 metric tonne = 6.35 barrels.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan and Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13158. New York 1% Fuel Oil vs USGC 3% Fuel Oil Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for New York 1% Fuel Oil and the Platts daily assessment price for US Gulf Coast No.6 3% Fuel Oil.

Contract Symbol: FOD

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13159. New York 1% Fuel Oil vs USGC 3% Fuel Oil Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for New York 1% Fuel Oil and the Platts daily assessment price for US Gulf Coast No.6 3% Fuel Oil.

Contract Symbol: GHK-GHZ; GIA-GIO

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13160. USGC 3% Fuel Oil Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for US Gulf Coast No. 6 3% Fuel Oil.

Contract Symbol: RBO

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13161. USGC 3% Fuel Oil Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for US Gulf Coast No. 6 3% Fuel Oil.

Contract Symbol: FPA-FPZ; FQA-FQE

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13162. USGC 3% Fuel Oil vs Fuel Oil 3.5% FOB Rotterdam Barges Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for US Gulf Coast No.6 3% Fuel Oil and the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil (in mts).

Contract Symbol: NVV

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the difference between the average of the "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Houston" and "\$/barrel" for "No. 6 3%" and the average of the "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period. conversion factor: 1 metric tonne = 6.35 barrels. Non-Common Pricing Applies.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan and Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13163. USGC 3% Fuel Oil vs Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for US Gulf Coast No.6 3% Fuel Oil and the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil.

Contract Symbol: GJU-GJZ; GKA-GKY

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period. Conversion Factor: 1 metric tonne = 6.35 barrels.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan and Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13164. Fuel Oil 3.5% FOB Rotterdam Barges Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for 3.5% FOB Rotterdam Barges Fuel Oil.

Contract Symbol: BXA-BXZ, BYA-BYE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Fuel Oil 3.5%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13165. New York 3% Fuel Oil vs USGC 3% Fuel Oil Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for New York 3% Fuel Oil and Platts daily assessment price for US Gulf Coast No.6 3% Fuel Oil.

Contract Symbol:

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 3%" and the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 6 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13166. New York 1% Fuel Oil vs WTI 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference the Platts daily assessment price for New York 1% Fuel Oil and the daily settlement price for WTI 1st Line Future.

Contract Symbol: FOK

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Atlantic Coast New York" subheading "Residual fuel (\$/bbl)" and "Cargo" for "No. 6 1%" and the average of the settlement prices as made public by ICE for the front month ICE WTI 1st Line Future contract for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13167. USGC 3% Fuel Oil vs Brent 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for US Gulf Coast No. 6 3% Fuel Oil and the ICE daily settlement price for Brent 1st Line Future.

Contract Symbol: GCS

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" and the average of the settlement prices as made public by ICE for the front month Brent 1st Line Future for each business day (as specified below) in the determination period.

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Brent Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract.

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13168. USGC 3% Fuel Oil vs. WTI 1st Line Swap**

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for US Gulf Coast No. 6 3% Fuel Oil and the daily settlement price for WTI 1st Line Future.

Contract Symbol: GUF

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts US Marketscan" under the heading "Gulf Coast" subheading "Residual Fuel" and "\$/bbl" for "No. 6 3%" and the average of the settlement prices as made public by ICE for the front month ICE WTI 1st Line Future contract for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 48 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts US Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13169. Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges vs Brent 1st Line Swap

Contract Description: A monthly cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges and the ICE daily settlement price for Brent 1st Line Future.

Contract Symbol: GRB

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the front month Brent 1st Line Future for each business day (as specified below) in the determination period. Conversion factor: 1 metric tonne = 7.45 barrels.

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Brent Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract.

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.



Rule 13170. Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges vs Brent 1st Line Balmo Swap

Contract Description: A balance of the month cash settled swap based on the difference between the Platts daily assessment price for Gasoil 0.1% FOB ~~Rotterdam-ARA~~ Barges and the ICE daily settlement price for Brent 1st Line Future.

Contract Symbol:

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 1,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the difference between the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts European Marketscan" under the heading "Northwest Europe barges" subheading "FOB Rotterdam" for "Gasoil 0.1%" and the average of the settlement prices as made public by ICE for the front month Brent 1st Line Future for each business day (as specified below) in the determination period. Conversion factor: 1 metric tonne = 7.45 barrels.

Roll Adjust Provision: In order to use the correct Floating Price quotations, the nearby month quotation for ICE Brent Futures specified in the Floating Price terms above will be used except for the expiration date of the commodity's underlying delivery month's futures contract. On such date, the applicable pricing quotation will be rolled to the following month's futures contract.

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Five (5) New York Business Days after each settlement date via wire transfer of Federal funds

Business Days: Publication days for Platts European Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13171. Naphtha C+F Japan Cargo Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Naphtha C+F Japan.

Contract Symbol: NJC

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Japan physical oil assessments" and "C+F Japan" for the "Naphtha (\$/mt)" quotation for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 36 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13172. Naphtha C+F Japan Cargo Balmo Swap**

Contract Description: A balance of the month cash settled swap based on the Platts daily assessment price for Naphtha C+F Japan

Contract Symbol: FEA-FEZ; FFA-FFE

Contract Size: 1,000 metric tonnes

Unit of Trading: Any multiple of 1,000 metric tonnes

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per metric tonne

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per metric tonne based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in the "Platts Asia-Pacific/Arab Gulf Marketscan" under the heading "Asia Products" subheading "Japan physical oil assessments" and "C+F Japan" for "Naphtha (\$/mt)" for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 2 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Asia-Pacific/Arab Gulf Marketscan

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.

**Rule 13173. Platts Dubai Swap**

Contract Description: A monthly cash settled swap based on the Platts daily assessment price for Dubai Crude.

Contract Symbol: N/A

Contract Size: 1,000 barrels

Unit of Trading: Any multiple of 50,000 barrels

Currency: US Dollars and cents

Trading Price Quotation: One cent (\$0.01) per barrel

Last Trading Day: Last Trading Day of the contract month

Final Settlement Price: In respect of final settlement, the Floating Price will be a price in USD and cents per barrel based on the average of the ~~mean of the high and low~~ "Mid" quotations appearing in "Platts Crude Oil Marketwire" under the heading "Key benchmarks (\$/bbl)" for "Dubai" prompt month for each business day (as specified below) in the determination period.

Roll Adjust Provision: N/A

Contract Series: Up to 60 consecutive months, or as otherwise determined by the SEF

Final Payment Dates: Fourteen (14) Calendar Days after each settlement date via wire transfer or Federal funds

Business Days: Publication days for Platts Crude Oil Marketwire

Other Terms: To be confirmed directly between the parties in their full form of contract. The terms reflected in such contracts shall be controlling.